TOSTHO "thSHE860

FIG.1A

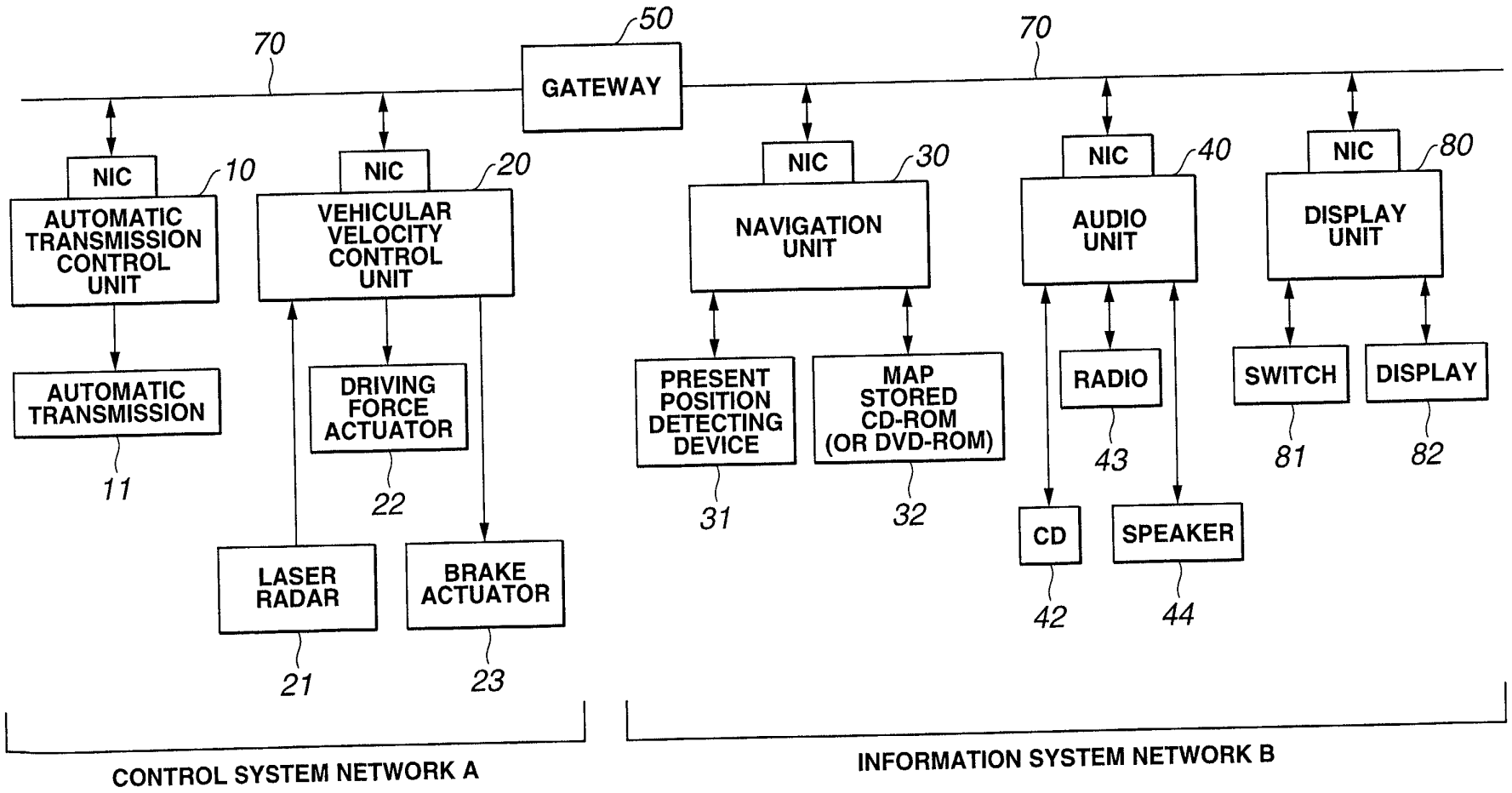


FIG.1B

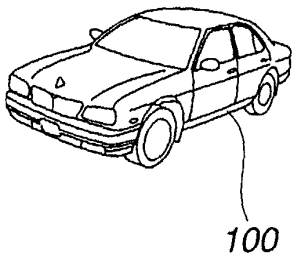


FIG.1C

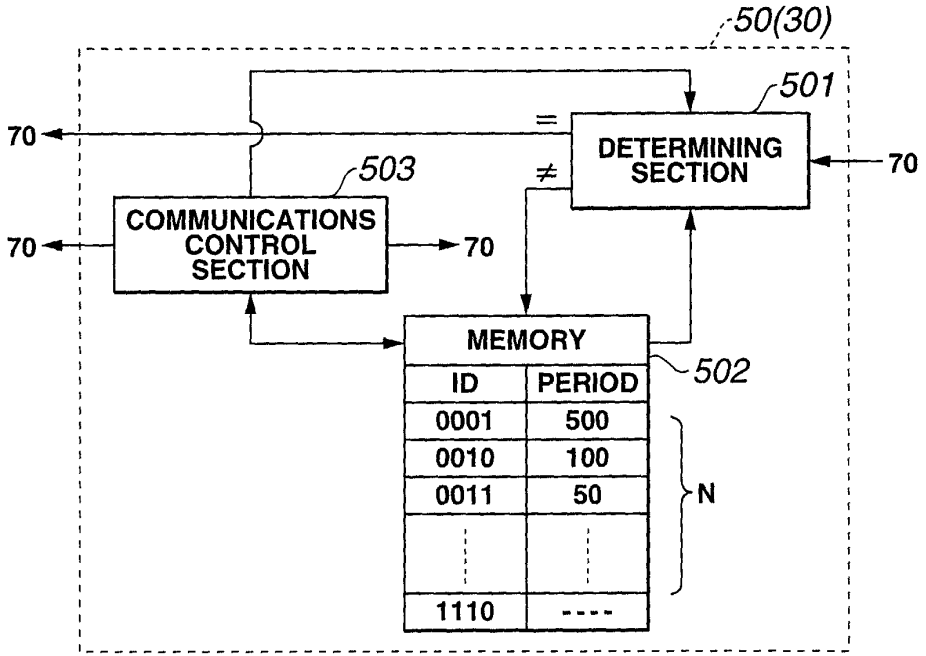


FIG.2

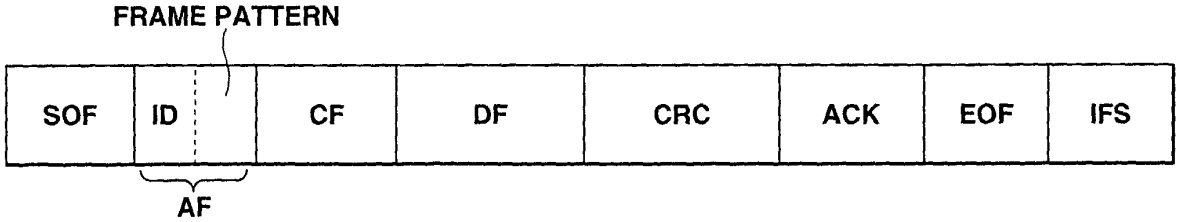


FIG.3A

INTERSECTION DATA ON UNIT 30 (ID0001)

FIG.3B

DESTINATION SET DATA ON UNIT 80 (ID0011)

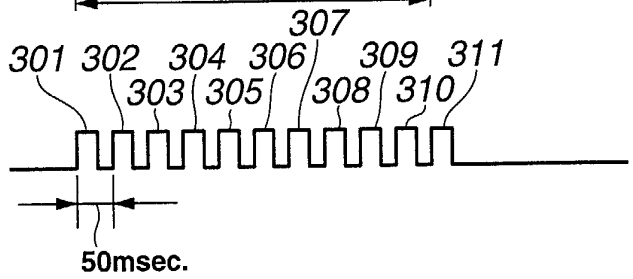


FIG.3C

DATA DETECTED BY GATEWAY 50

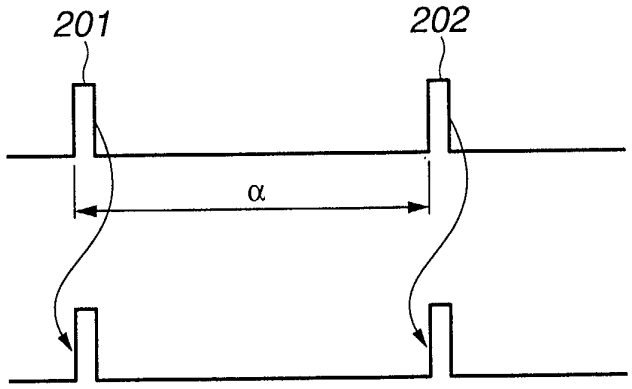


FIG.3D

DATA RECEIVED BY UNIT 10

TOSTMO" mm9mE360

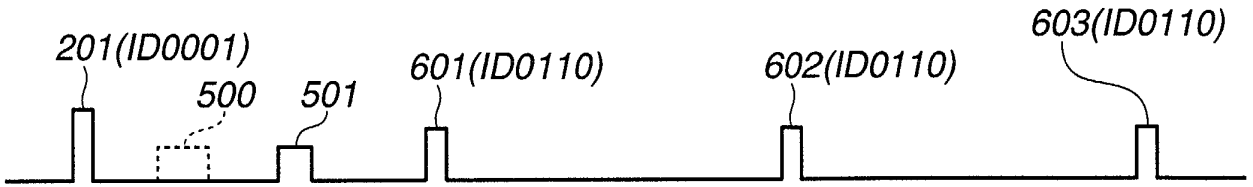


FIG.4A INTERSECTION DATA ON UNIT 30

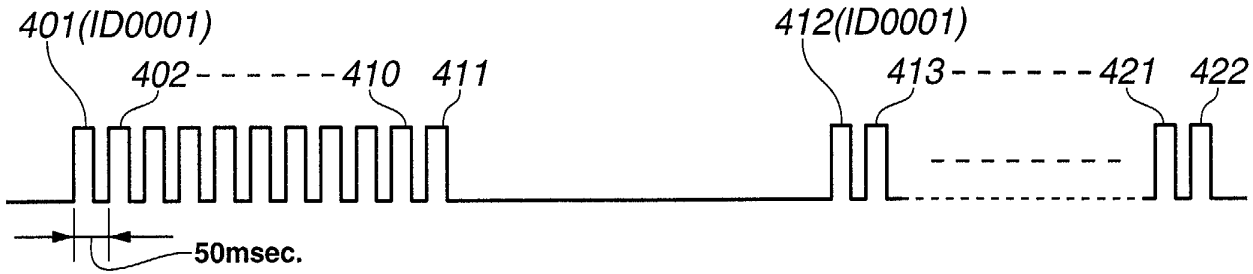


FIG.4B DESTINATION SET DATA ON UNIT 80

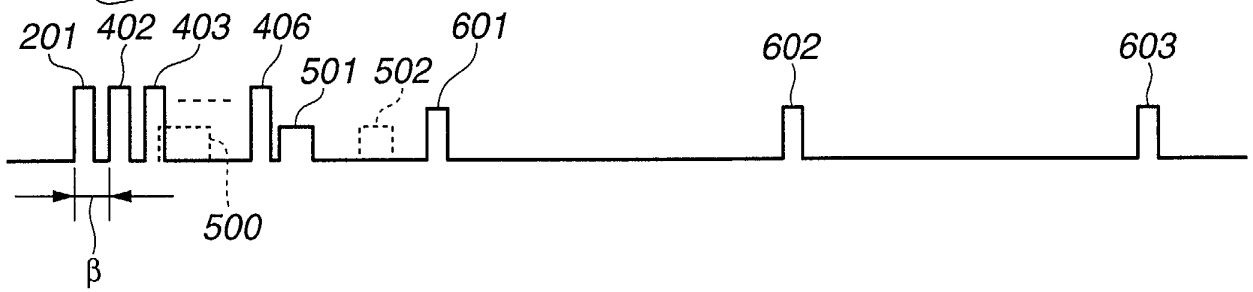
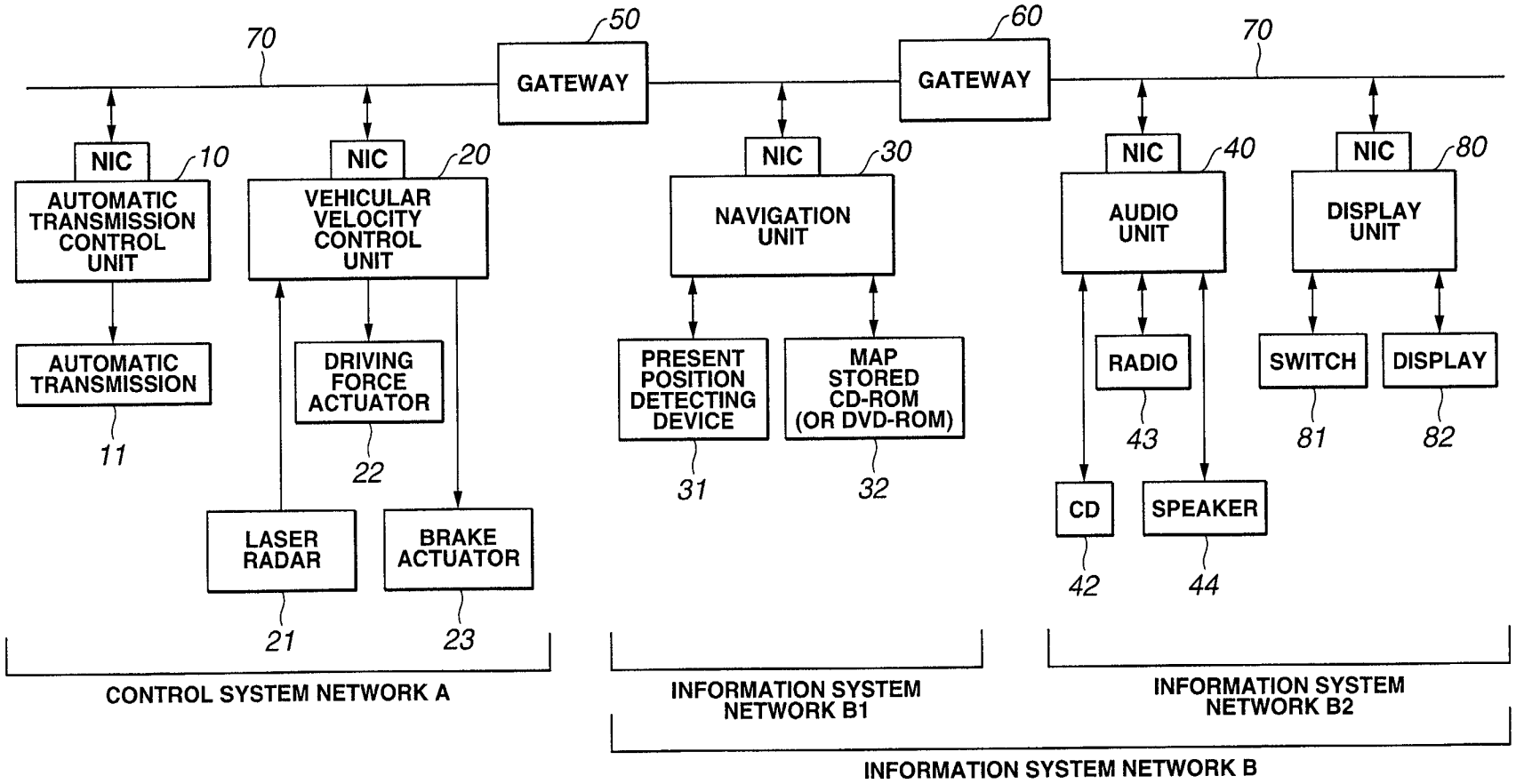


FIG.4C DATA DETECTED BY GATEWAY 50

FIG.4D DATA RECEIVED BY UNIT 10

FIG.5


70
50
GATEWAY
60
GATEWAY
70
NIC
10
AUTOMATIC TRANSMISSION CONTROL UNIT
AUTOMATIC TRANSMISSION
11
NIC
20
VEHICULAR VELOCITY CONTROL UNIT
DRIVING FORCE ACTUATOR
22
LASER RADAR
21
BRAKE ACTUATOR
23
CONTROL SYSTEM NETWORK A
NIC
30
NAVIGATION UNIT
PRESENT POSITION DETECTING DEVICE
31
MAP STORED CD-ROM (OR DVD-ROM)
32
INFORMATION SYSTEM NETWORK B1
NIC
40
AUDIO UNIT
RADIO
43
CD
42
SPEAKER
44
NIC
80
DISPLAY UNIT
SWITCH
81
DISPLAY
82
INFORMATION SYSTEM NETWORK B2
INFORMATION SYSTEM NETWORK B